

FIG. 1

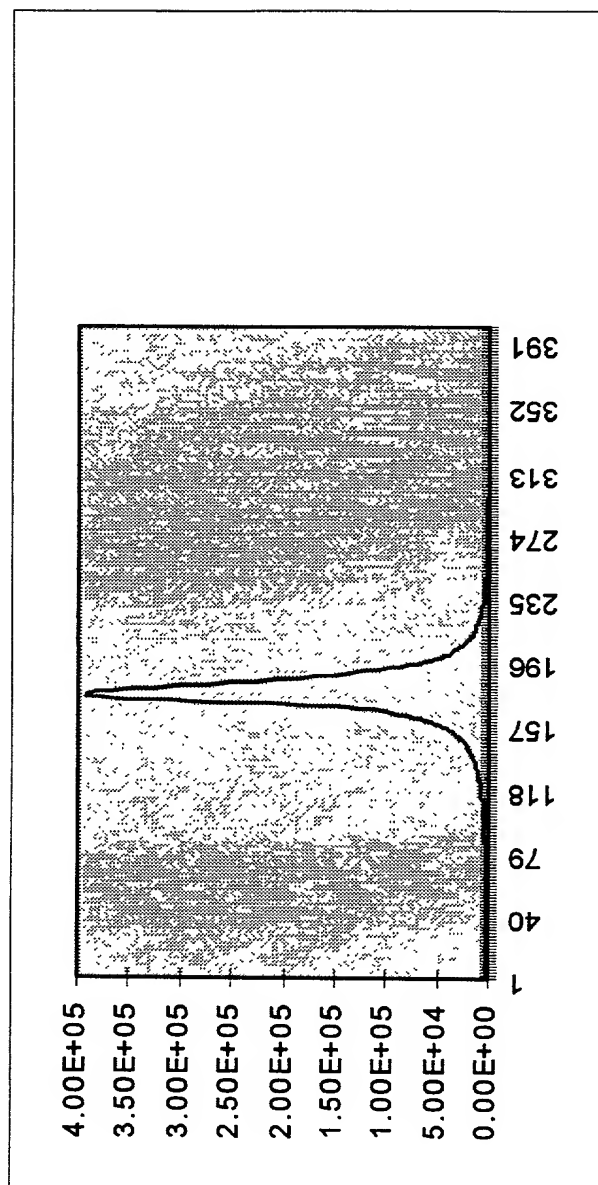


FIG. 2

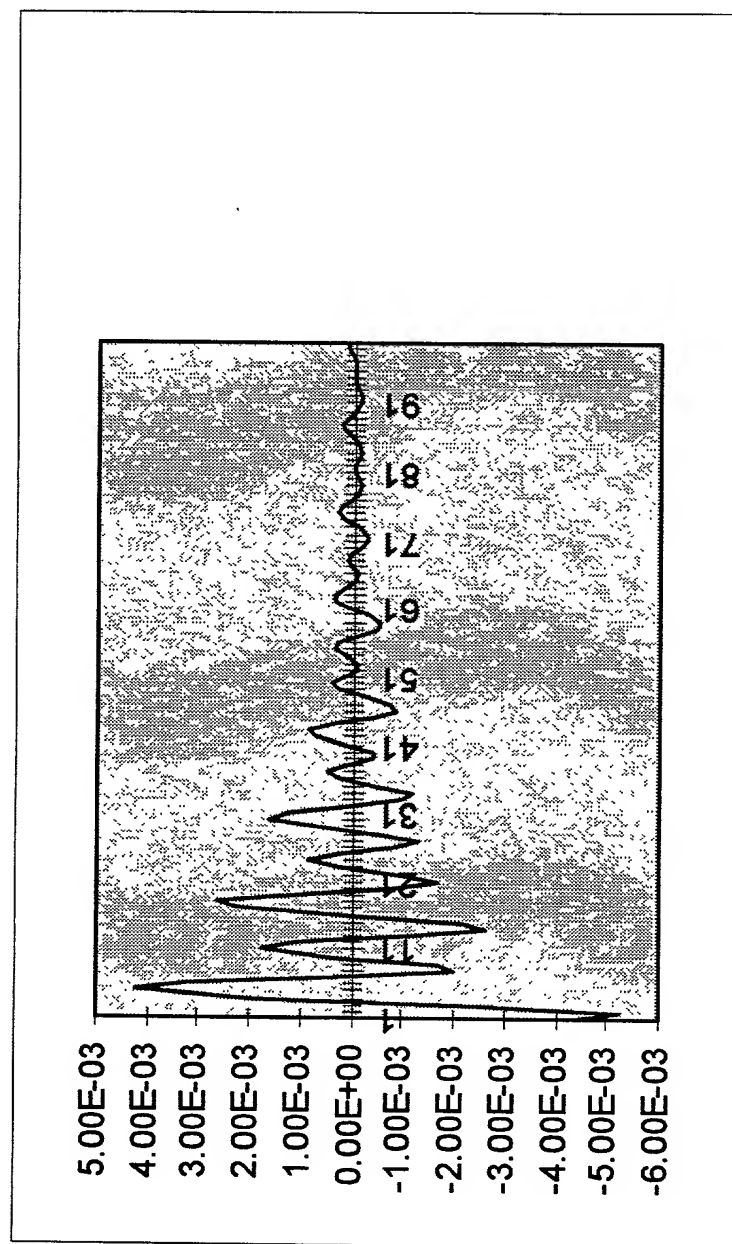


FIG. 3

FIG. 4 is a graph showing the relationship between the number of cycles to failure (Nf) and the logarithm of the stress (log S). The y-axis represents Nf on a logarithmic scale from 1 to 8.00E+03. The x-axis represents log S from 40 to 391. The data points show a decreasing trend, indicating that the number of cycles to failure decreases as the logarithm of the stress increases.

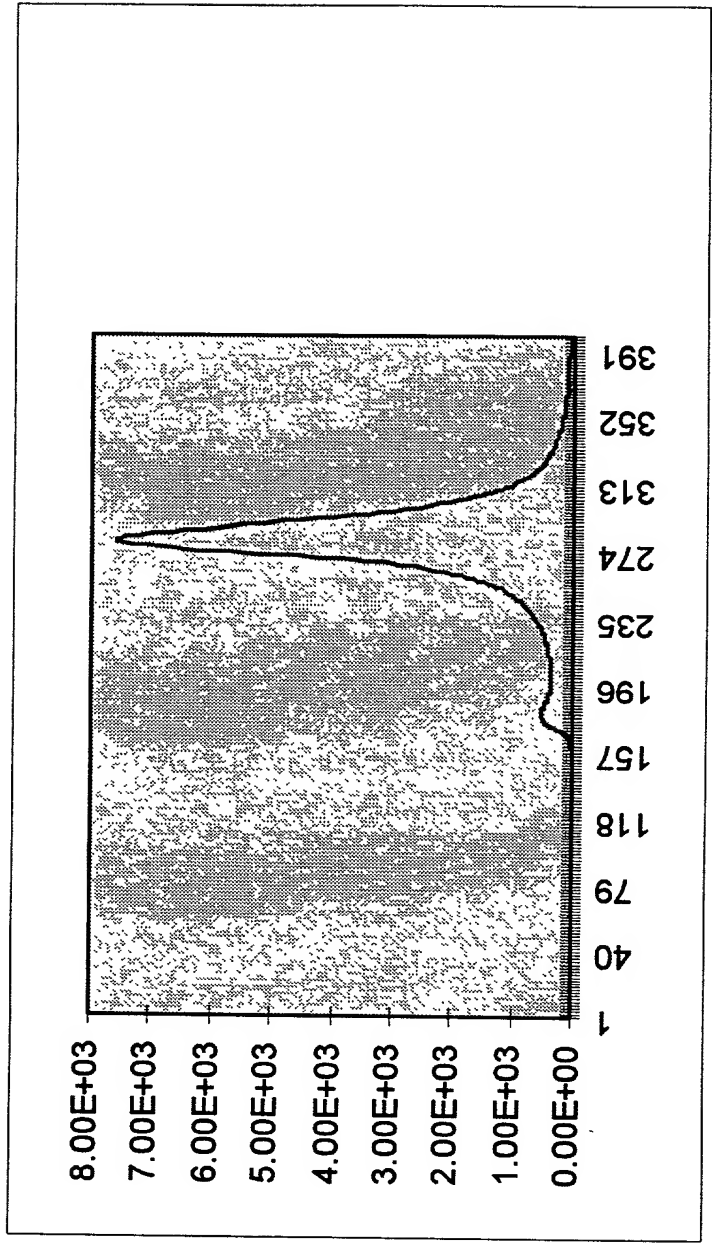


FIG. 4

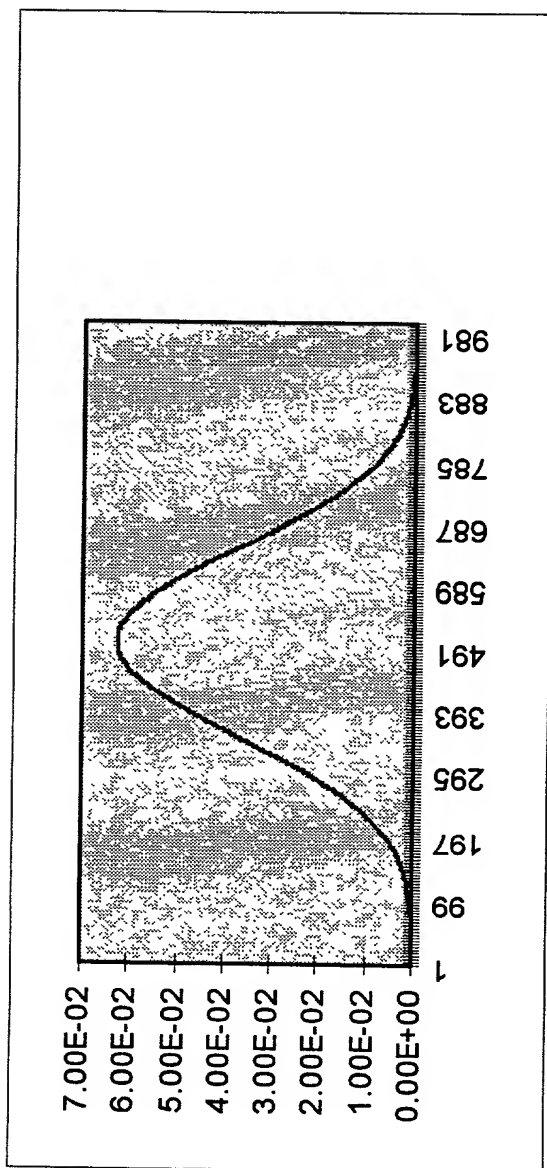


FIG. 5A

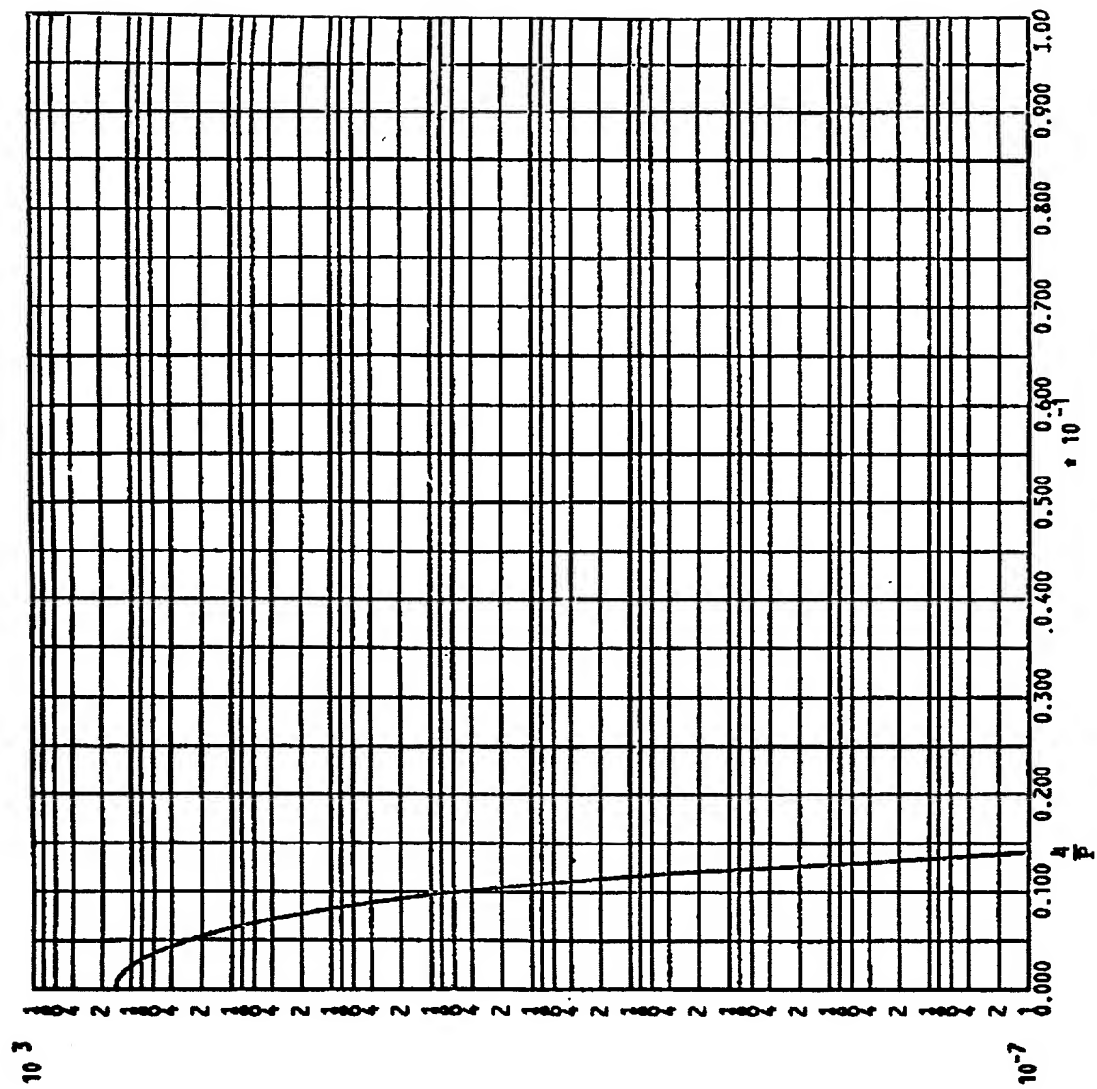


FIG. 5B

201000 91819001

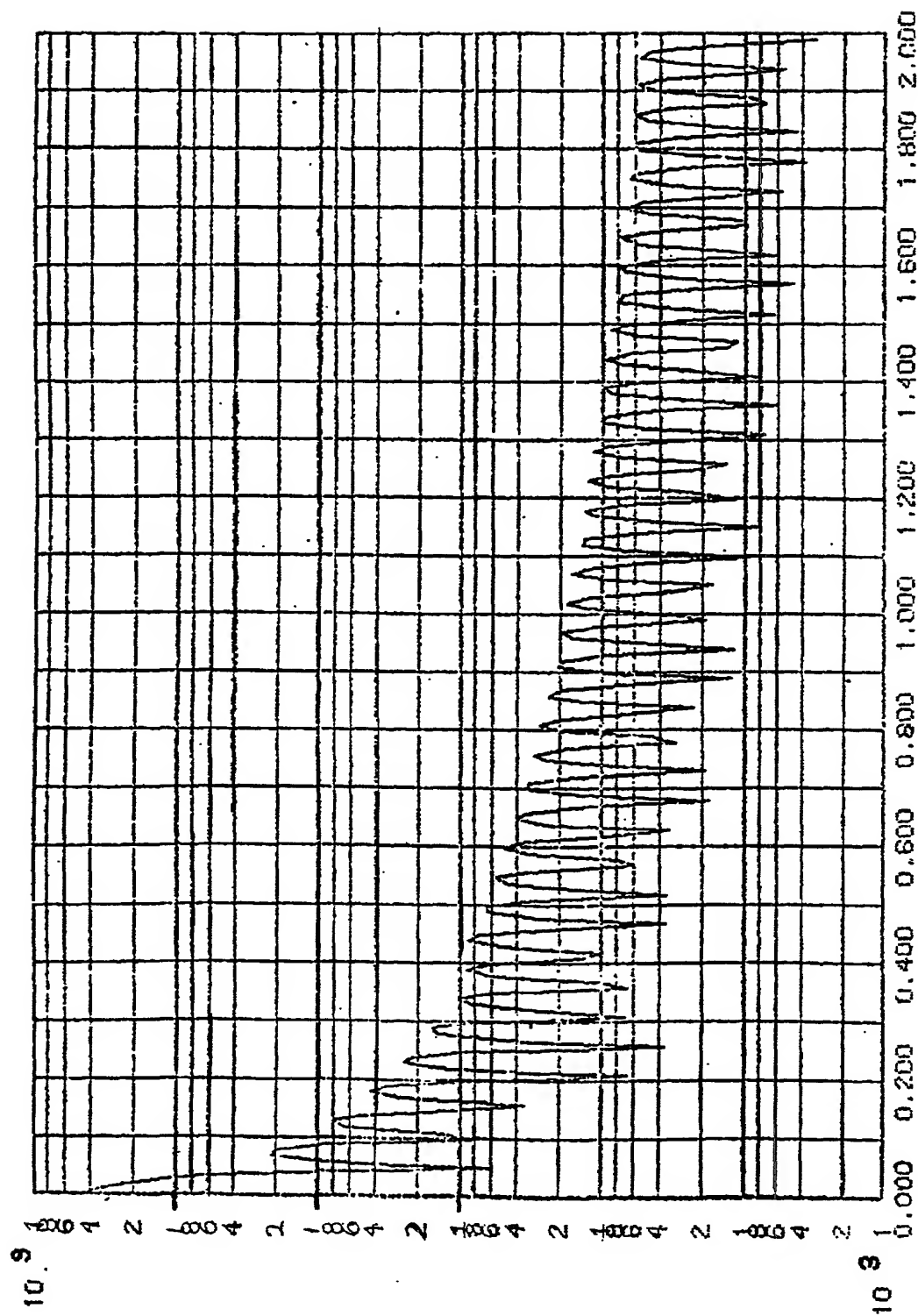


FIG. 5C

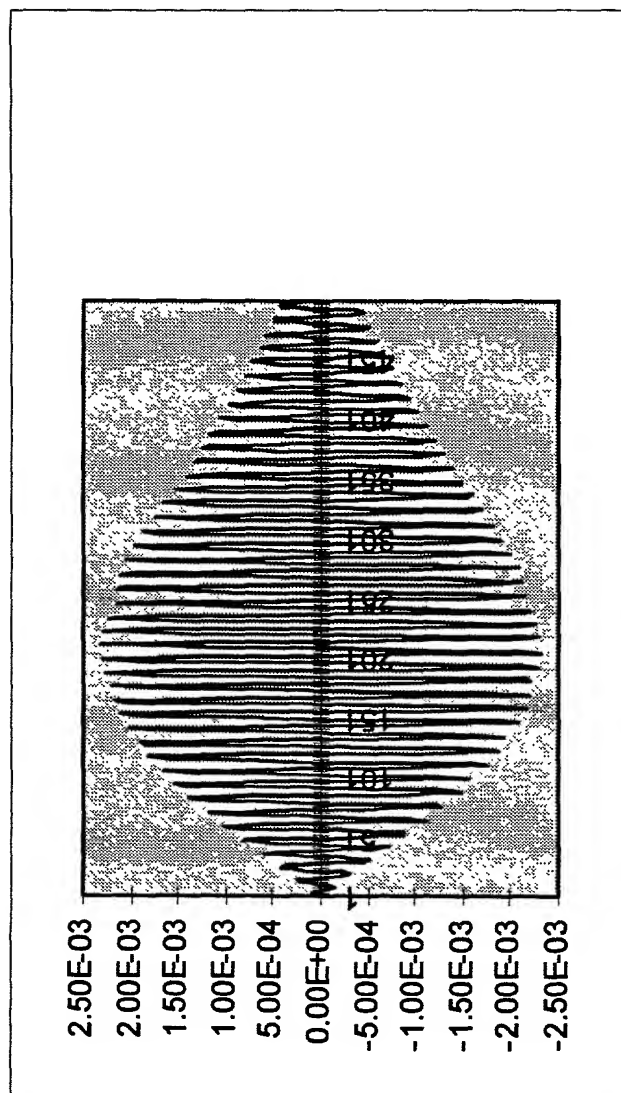


FIG. 6



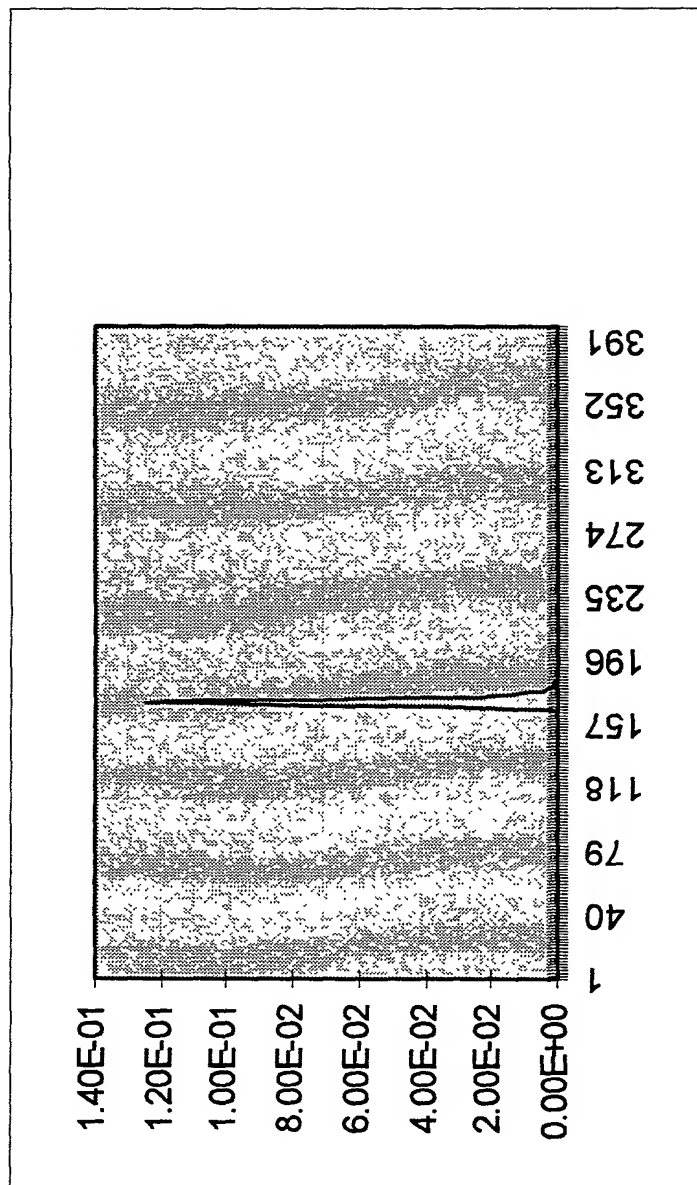


FIG. 7

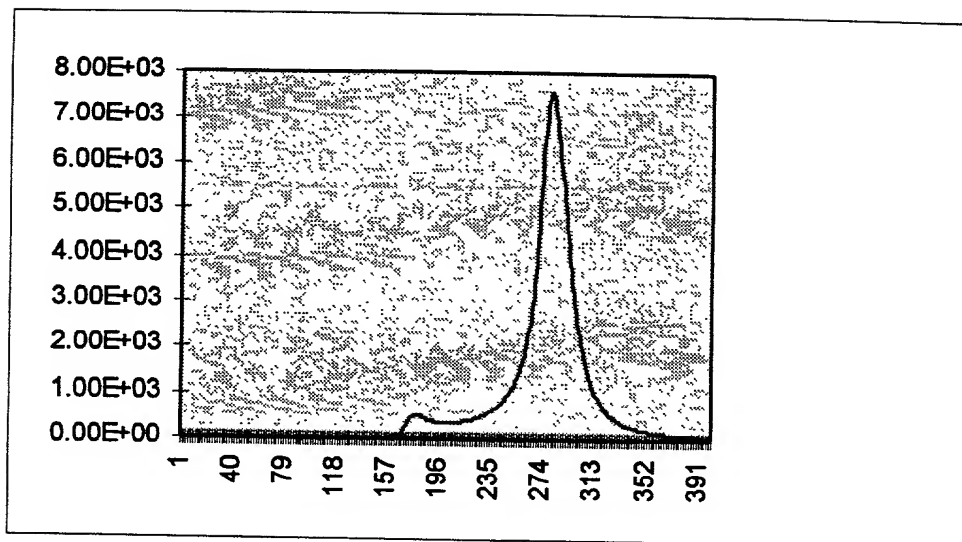


FIG. 8A

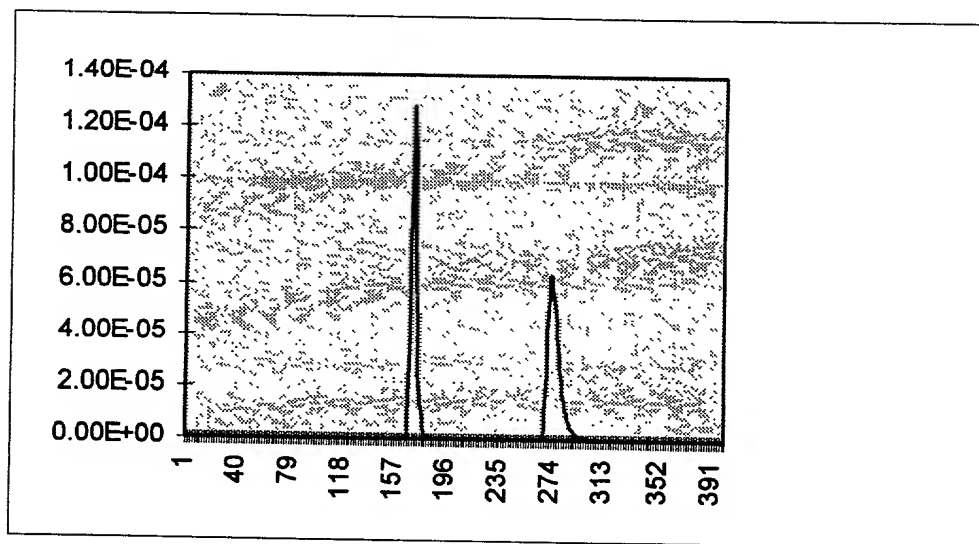


FIG. 8B

FIG. 9

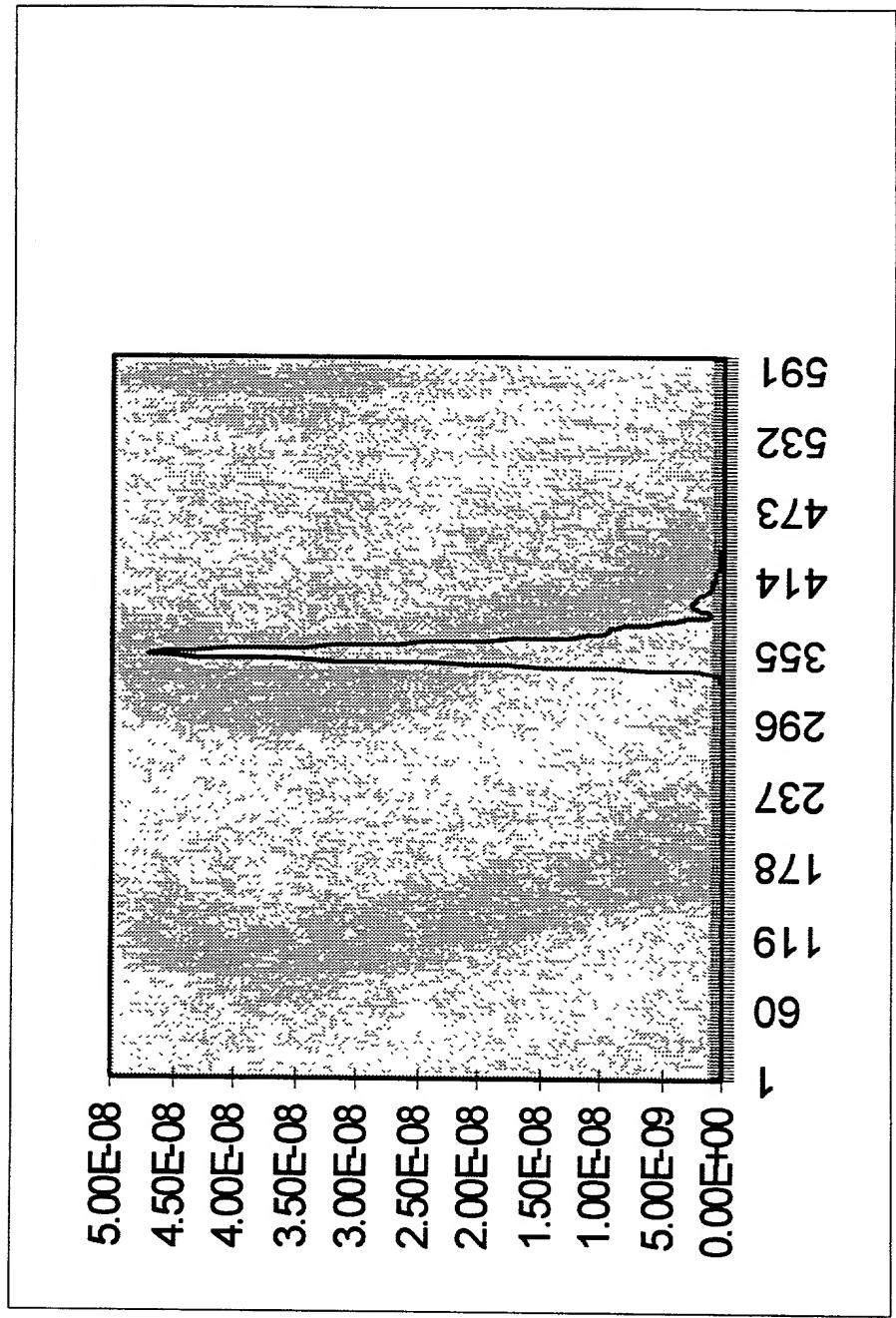


FIG. 10

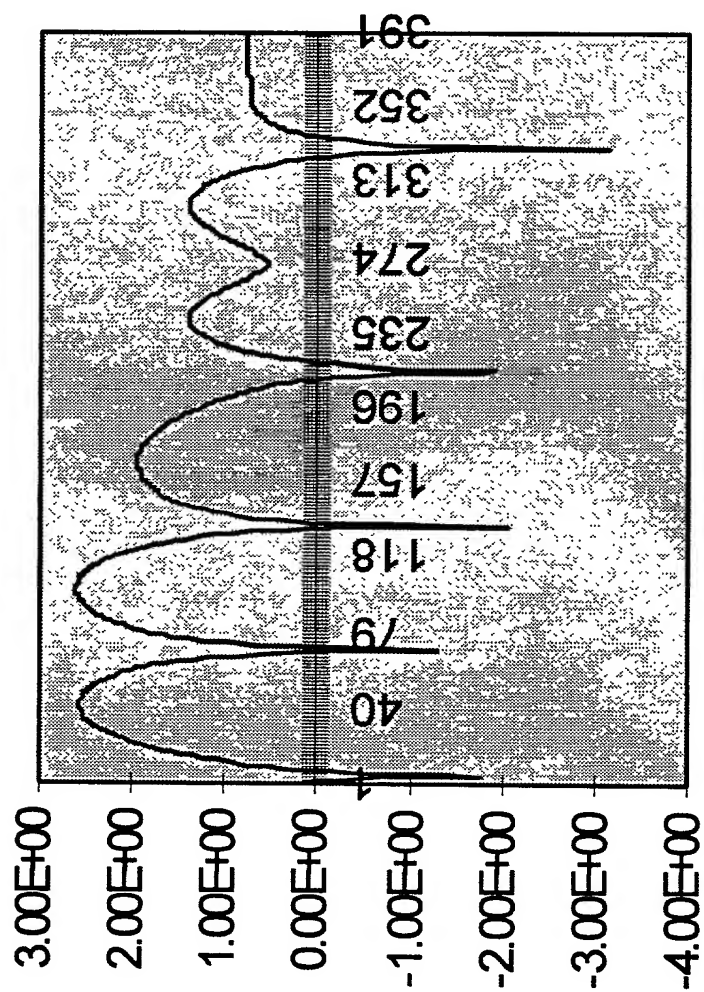


FIG. 11A

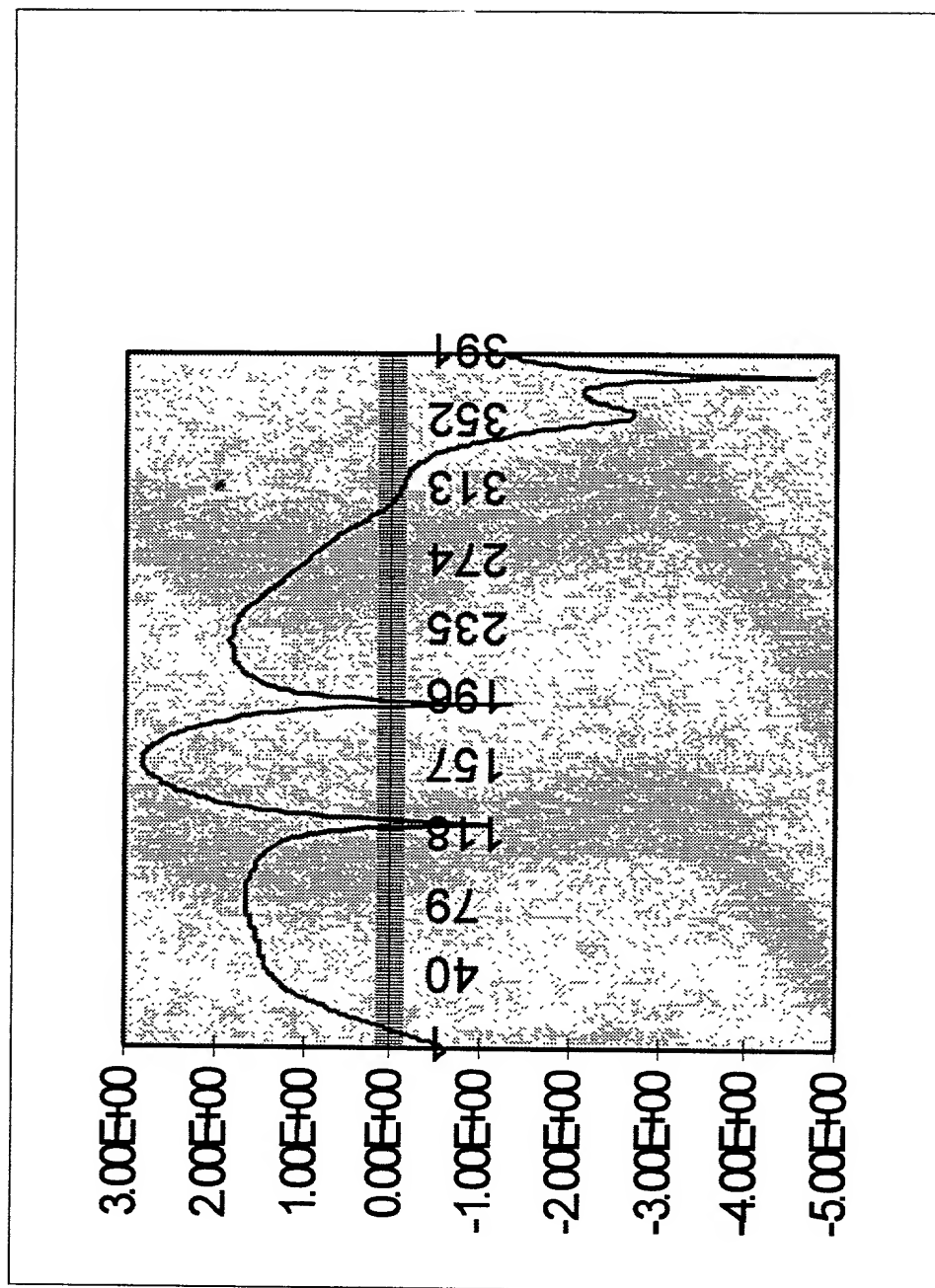


FIG. 11B

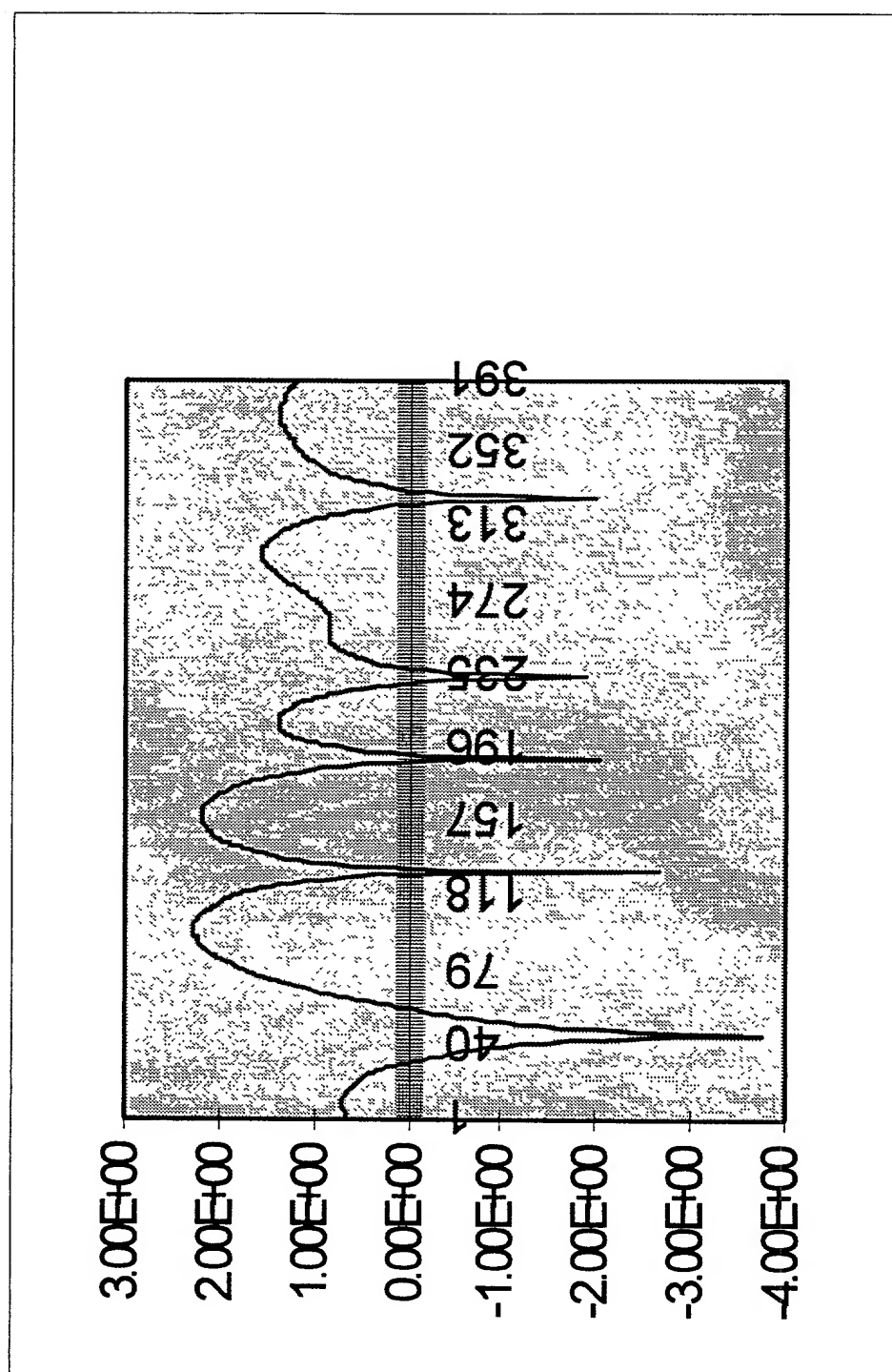


FIG. 11C

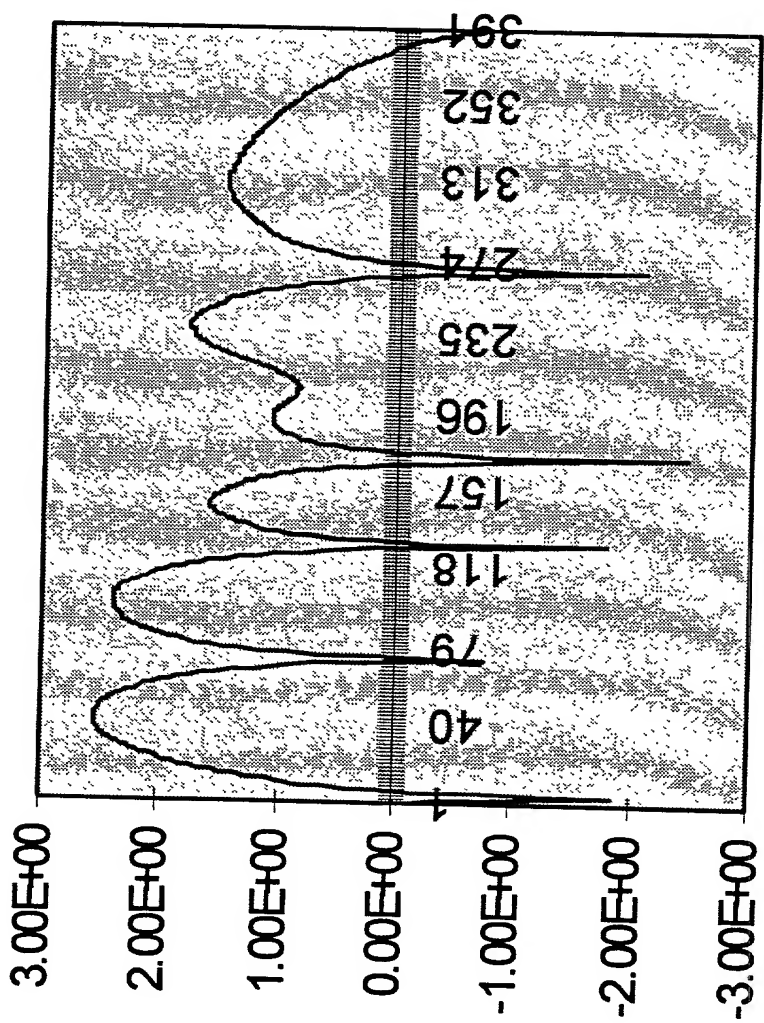


FIG. 11D



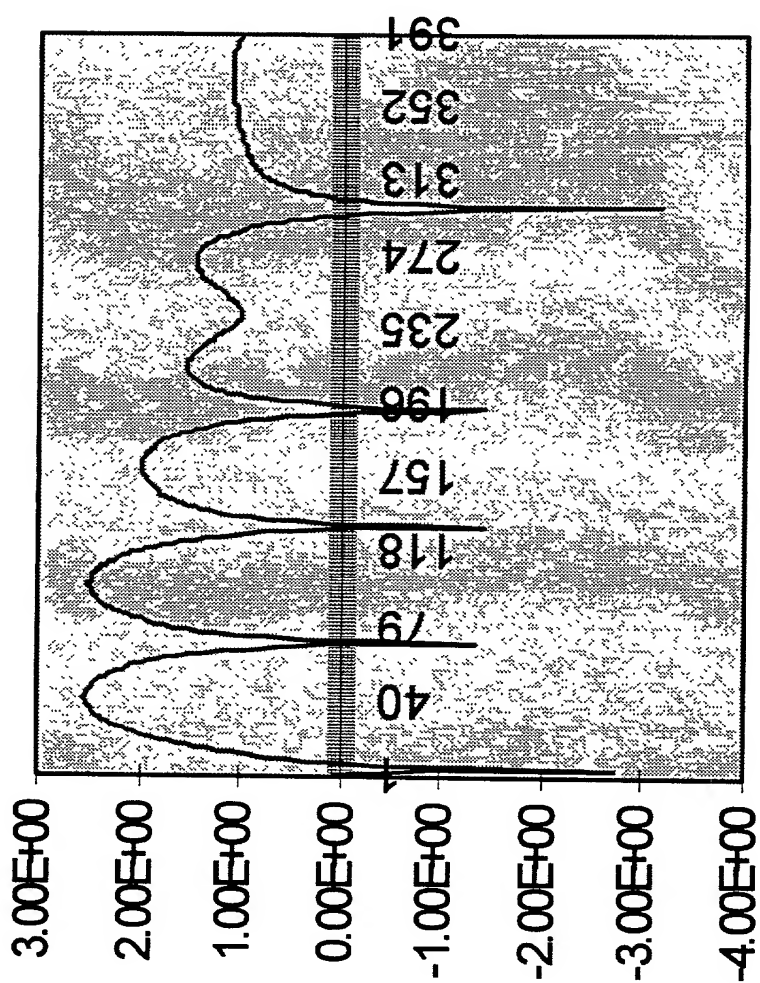


FIG. 11E

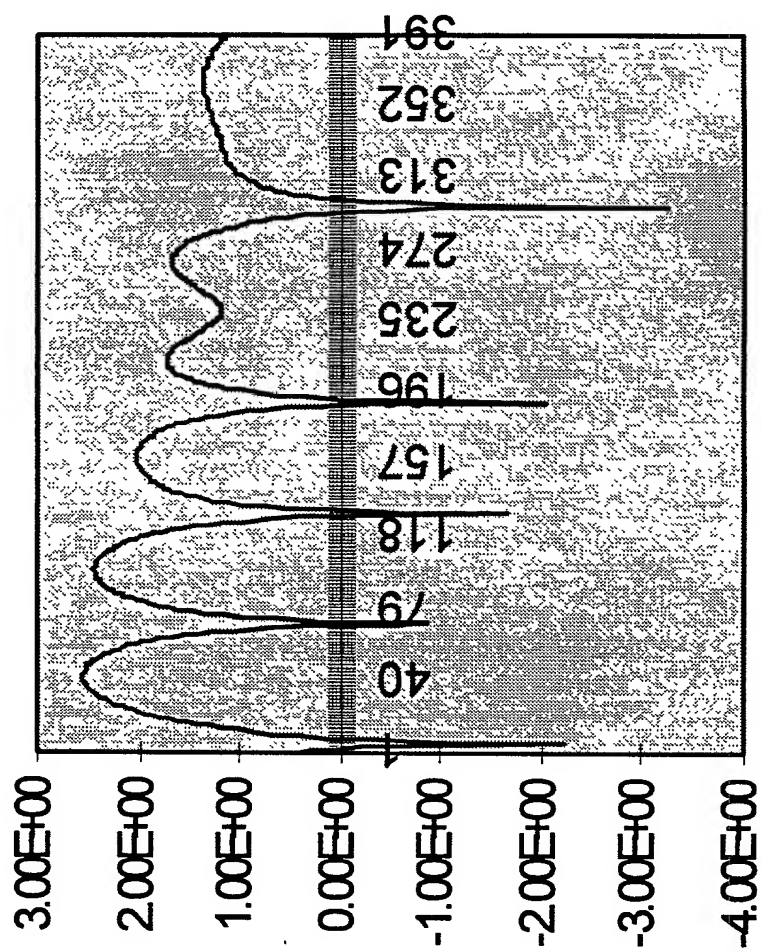


FIG. 11F



FIG. 11H

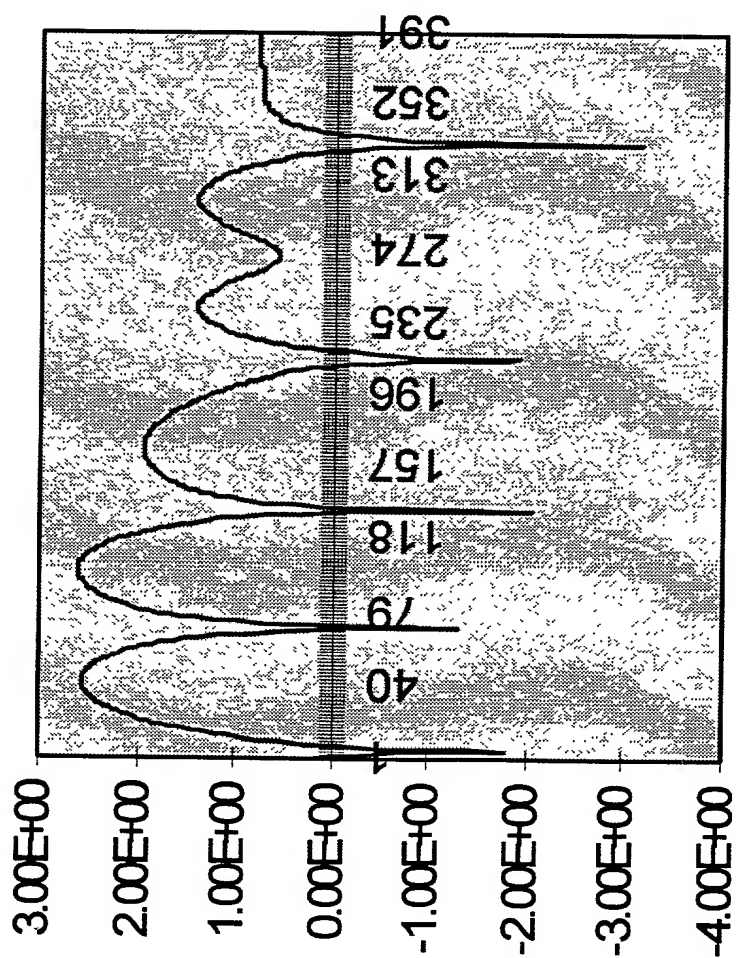


FIG. 111

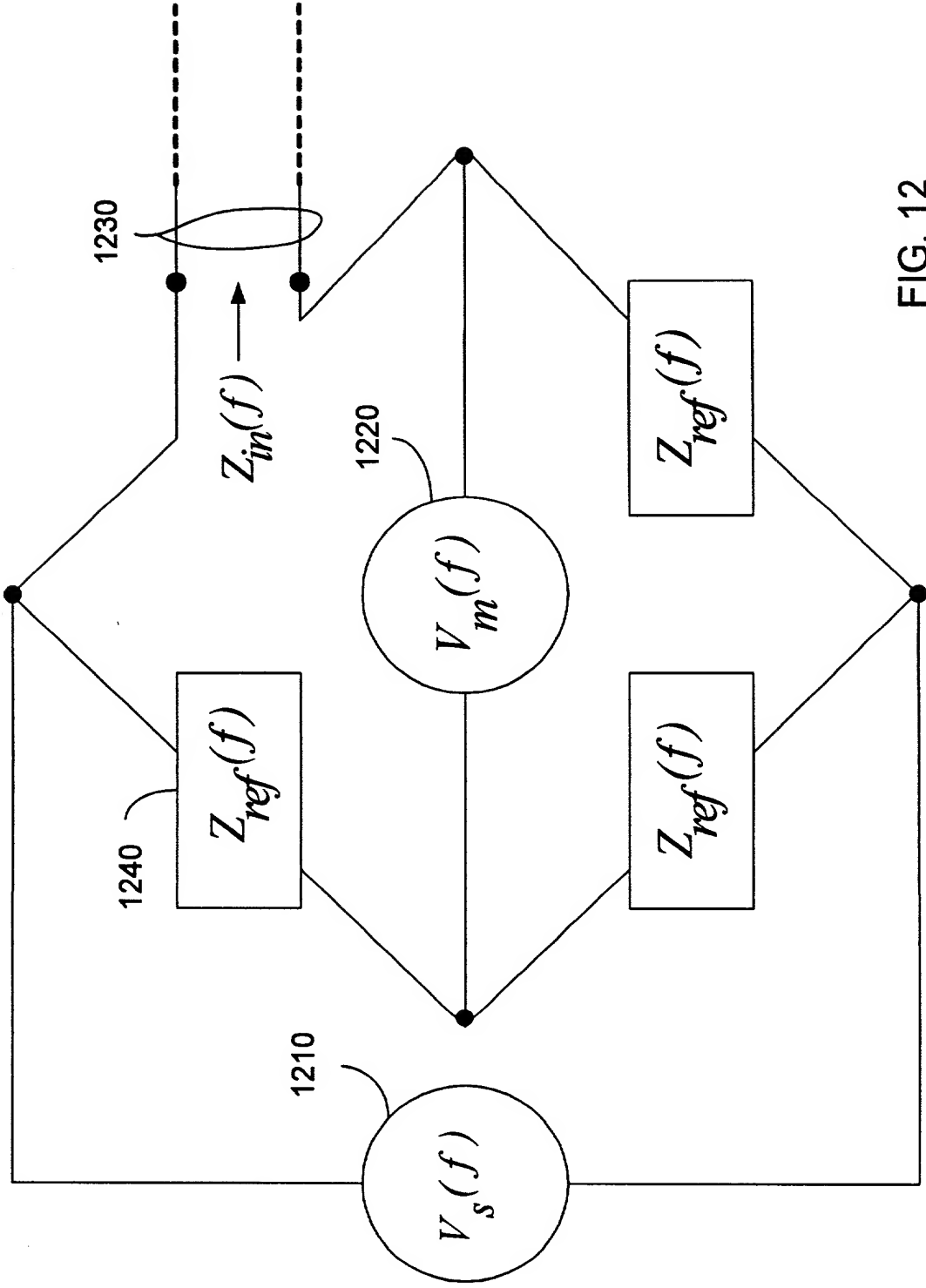


FIG. 12

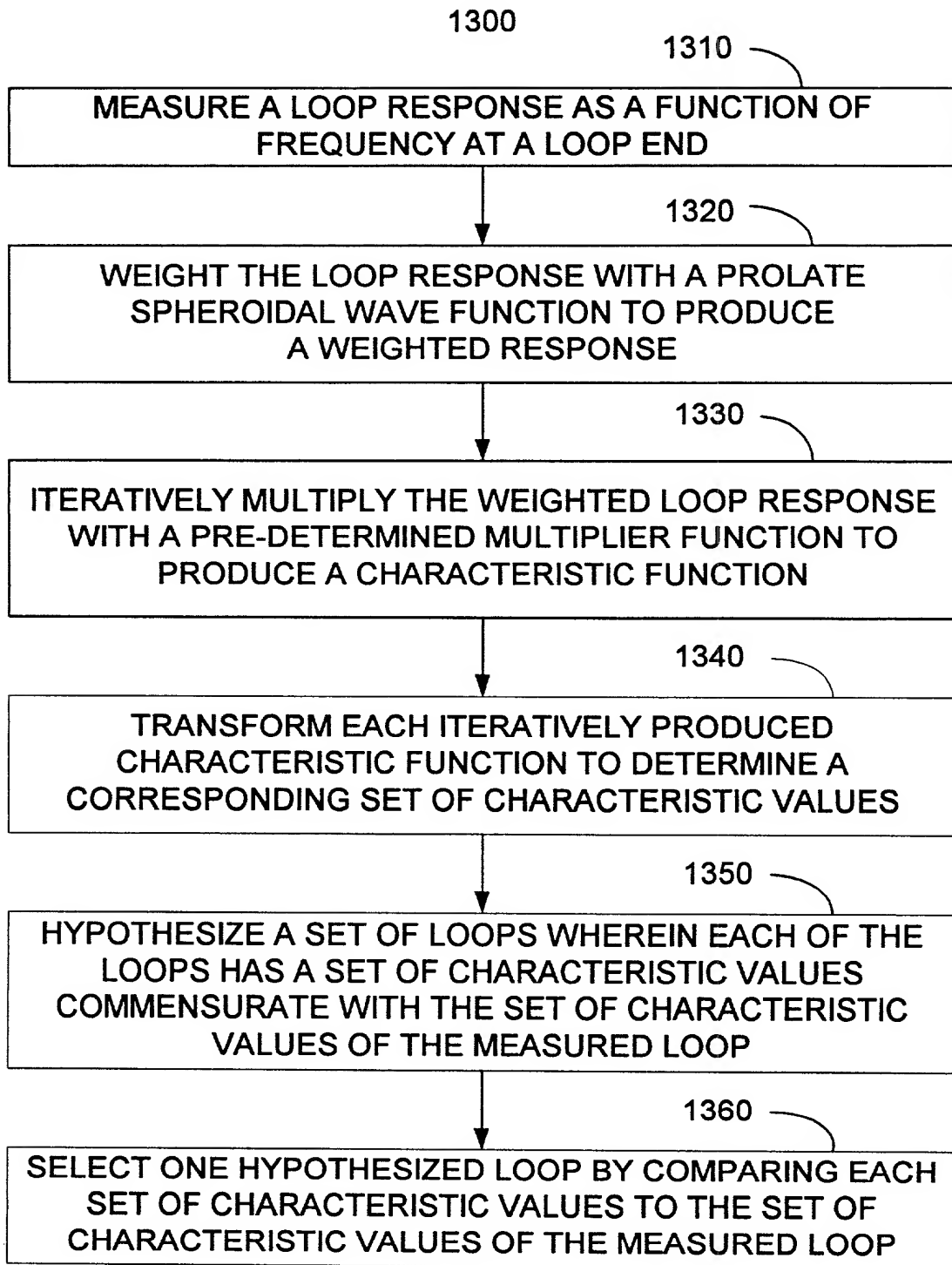


FIG. 13